

TABLETOP REFRIGERATED CENTRIFUGE CEN18-06R



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CEN18-06R

These centrifuges are widely used in the fields of biochemistry, pharmacy, clinical medicine and other research fields for variety of separation needs. The programmable microprocessor centrifuge allows modification of the parameter during operation. In addition, accommodates various type of tubes or plates and size of the sample.

Used in Cell Separation, Precipitation, Sample Processing, Clinical, Cell Culture, Microplate Processing, Biochemistry, medical diagnosis.

Also known as Floor Standing Centrifuge, Laboratory Floor Type Centrifuge, Floor Type Refrigerated Centrifuge, Benchtop Centrifuge, Laboratory Tabletop Centrifuge.

CEN18-06R TABLETOP REFRIGERATED CENTRIFUGE

Inner chamber material: Stainless Steel

Microprocessor controller

LCD display

Electronic door interlock

Brushless DC motor

Stable performance

Memory of 12 programs

19 levels of acceleration and 19 levels of deceleration

Faults are diagnosed automatically

CFC-free refrigerants system (TECUMSEH EUROPE COMPRESSOR)

Precise temperature control with double loop control design is highly efficient, allows fast heating and cooling

Operating parameters can be modified during the operation

RCF can be set up directly, without RPM to RCF translation



SPECIFICATIONS

Model	CEN18-06R
Maximum Capacity (No of tubes x Vol.)	4x250 ml , 6 x 50 ml
Temp. Control Range	-20°C to 40°C
Temperature Accuracy	± 1°C
Maximum Speed	6000 rpm with 6x50 ml / 12x15 ml , 5000 rpm with 4x50 ml rotor /4x100 ml rotor
Speed Accuracy	± 10 rpm
Maximum RCF	5120 rpm with 6x50 ml / 12x15 ml , 5000 rpm with 4x50 ml rotor / 4x100 ml rotor
Time Range	Count up or down
Acceleration Rate	40
Deceleration Rate	40
Control System	Microprocessor
Refrigeration System	CFC-Free
Drive System	Direct, induction motor drive (Inverter Control)
Display	Full color touchscreen interface
Programmability	via easy access touchscreen menu

Overall Dimension	25.2 x 22 x 15.4 in / 64 x 56 x 39 mm
Program	1000 user-defined (more up to 40 available if needed)
Noise Level	≤ 56 dB(A)
Weight (Net/Gross)	80 kg
Max. Power Consumption	1200 W
Power Supply	AC 200-240V, 50/60Hz or AC 100-127V, 50/60Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Rotor Capacity	Max Speed (rpm)	Max RCF(g)
2201222005	No. 1 Swing-out Rotor Rotor Cross	12x15 ml	5000 rpm	4650g
2201222006	Tube Racks	8x50 ml	4000 rpm	2980g
2201222007	Tube Racks	8x100 ml	4000 rpm	2980g
2201222008	adapters		4000 rpm	2980g
2201222009	adapters		4000 rpm	2980g
2201222010	adapters		4000 rpm	2980g
2201222011	adapters		4000 rpm	2980g
2201222012	adapters		4000 rpm	2980g
2201222013	adapters		4000 rpm	2980g
2201222014	adapters		4000 rpm	2980g
2201222015	adapters		4000 rpm	2980g
2201222016	adapters		4000 rpm	2980g
2201222017	adapters		4000 rpm	2980g
2201222018	adapters		4000 rpm	2980g
2201222019	adapters		4000 rpm	2980g
2201222020	Tube Racks	24x10 ml	4000 rpm	2980g
2201222021	Tube Racks	24x15 ml	4000 rpm	2980g
2201222022	adapters		4000 rpm	2980g
2201222023	adapters		4000 rpm	2980g
2201222024	adapters		4000 rpm	2980g
2201222025	adapters		4000 rpm	2980g
2201222026	adapters		4000 rpm	2980g
2201222027	adapters		4000 rpm	2980g
2201222028	Tube Racks	32x10 ml	4000 rpm	2980g
2201222029	Tube Racks	32x15 ml	4000 rpm	2980g
2201222030	adapters		4000 rpm	2980g
2201222031	adapters		4000 rpm	2980g
2201222032	adapters		4000 rpm	2980g
2201222033	adapters		4000 rpm	2980g
2201222034	adapters		4000 rpm	2980g
2201222035	adapters		4000 rpm	2980g
2201222036	No. 3-1 Swing-Bucket Rotor Rotor Cross		4000 rpm	2980g
2201222037	No. 3-1 Swing-Bucket Rotor Rotor Cross	4x250 ml	4000 rpm	2980g
2201222038	adapters	4x100 ml	4000 rpm	2980g
2201222039	adapters	4x50 ml	4000 rpm	2980g
2201222040	adapters	8x50 ml (conical)	4000 rpm	2980g
2201222041	adapters	8x50 ml (round bottom)	4000 rpm	2980g

2201222042	adapters	8x30 ml	4000 rpm	2980g
2201222043	adapters	20x15 ml	4000 rpm	2980g
2201222044	adapters	36x10 ml	4000 rpm	2980g
2201222045	adapters	20x5 ml (conical)	4000 rpm	2980g
2201222046	adapters	32x1.5/2.0 ml	4000 rpm	2980g
2201222047	adapters	32x2.0 ml	4000 rpm	2980g
2201222048	adapters	40x0.5 ml	4000 rpm	2980g
2201222049	adapters	20x10 ml virus sampling tube	4000 rpm	2980g
2201222050	adapters	28x4 -10 ml blood collection / urine tube	4000 rpm	2980g
2201222051	adapters	40x1.6-7 ml blood collection / urine tube	4000 rpm	2980g
2201222052	Conical Buckets	4x175/225 ml Falcon conical bottle	4000 rpm	2980g
2201222053	No. 3-2 Swing-Bucket Rotor	36x4-10 ml blood collection / urine tube	4000 rpm	3100g
2201222054	No. 3-3 Swing-Bucket Rotor	48x1.6-7 ml blood collection / urine tube	4000 rpm	3100g
2201222055	No. 3-4 Swing-Bucket Rotor	64x1.6 -7 ml blood collection / urine tube	4000 rpm	3100g
2201222056	No. 4 Swing-Bucket Rotor	2x3 pcs microplates (96 wells)or 2x3 pcs microtiter plates or 2x2 pcs cell culture plates or 2x1 pc deep well plates	4000 rpm	1970g
2201222057	No. 5-1 Fixed-Angle Rotor	12x15 ml	6000 rpm	5120g
2201222058	adapters		6000 rpm	5120g
2201222059	adapters		6000 rpm	5120g
2201222060	adapters		6000 rpm	5120g
2201222061	adapters		6000 rpm	5120g
2201222062	adapters		6000 rpm	5120g
2201222063	adapters		6000 rpm	5120g
2201222064	No. 5-2 Fixed-Angle Rotor	6x50 ml	6000 rpm	5120g
2201222065	adapters		6000 rpm	5120g
2201222066	adapters		6000 rpm	5120g
2201222067	adapters		6000 rpm	5120g
2201222068	adapters		6000 rpm	5120g
2201222069	adapters		6000 rpm	5120g
2201222070	adapters		6000 rpm	5120g
2201222071	adapters		6000 rpm	5120g
2201222072	adapters		6000 rpm	5120g
2201222073	adapters		6000 rpm	5120g



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